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P.O. Box 1450
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PATENT
Attorney Docket No.: 016866-002110

On 6-29-04

TOWNSEND and TOWNSEND and CREW LLP

By: Linda Shaffer

JUL 13 2004

TECH CENTER 1600/2900

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

T. William Hutchens *et al.*

Application No.: 09/745,388

Filed: December 21, 2000

For: RETENTATE
CHROMATOGRAPHY AND PROTEIN
CHIP ARRAYS WITH APPLICATIONS
IN BIOLOGY

Customer No.: 20350

Confirmation No. 3061

Examiner: Christopher L. Chin

Technology Center/Art Unit: 1641

AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed January 14, 2004, please enter the following amendments and remarks:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 6 of this paper



PTO/SB/21 (02-04)

1641
41**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Application Number	09/745,388
Filing Date	December 21, 2000
First Named Inventor	Hutchens, T. W.
Art Unit	1641
Examiner Name	Christopher L. Chin
Attorney Docket Number	016866-002110

JUL 13 2004

TECH CENTER 100/2900

Total Number of Pages in This Submission

1

ENCLOSURES (Check all that apply)

- | | | |
|--|---|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form
<input type="checkbox"/> Fee Attached
<input checked="" type="checkbox"/> Amendment/Reply
<input type="checkbox"/> After Final
<input type="checkbox"/> Affidavits/declaration(s)
<input checked="" type="checkbox"/> Extension of Time Request
<input type="checkbox"/> Express Abandonment Request
<input type="checkbox"/> Information Disclosure Statement
<input type="checkbox"/> Certified Copy of Priority Document(s)
<input type="checkbox"/> Response to Missing Parts/Incomplete Application
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)
<input type="checkbox"/> Licensing-related Papers
<input type="checkbox"/> Petition
<input type="checkbox"/> Petition to Convert to a Provisional Application
<input type="checkbox"/> Power of Attorney, Revocation
Change of Correspondence Address
<input type="checkbox"/> Terminal Disclaimer
<input type="checkbox"/> Request for Refund
<input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
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|--|---|--|
- Remarks: The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Townsend and Townsend and Crew LLP	Reg. No. 37,330
Signature	<i>Eugenia Garrett Wackowski</i>	
Date	6/29/04	

CERTIFICATE OF TRANSMISSION/MAILING

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Typed or printed name

Linda Shaffer

Signature

Linda Shaffer

Date

6/29/04

**FEE TRANSMITTAL
for FY 2004**

Effective 10/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 475

Complete if Known

Application Number 09/745,388

Filing Date December 21, 2000

First Named Inventor Hutchens, T. W.

Examiner Name Christopher L. Chin

Art Unit 1641

Attorney Docket No. 016866-002110

TECH CENTER 1600/2000

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number 20-1430

Deposit Account Name Townsend and Townsend and Crew LLP

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
		1001	770	2001 385 Utility filing fee	
		1002	340	2002 170 Design filing fee	
		1003	530	2003 285 Plant filing fee	
		1004	770	2004 385 Reissue filing fee	
		1005	160	2005 80 Provisional filing fee	
SUBTOTAL (1)					(\$)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
		1202	18	2202 9 Claims in excess of 20	
		1201	86	2201 43 Independent claims in excess of 3	
		1203	290	2203 145 Multiple dependent claim, if not paid	
		1204	86	2204 43 ** Reissue independent claims over original patent	
		1205	18	2205 9 ** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)					(\$)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large	Entity	Small	Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
				1051	130	2051 65 Surcharge - late filing fee or oath	
				1052	50	2052 25 Surcharge - late provisional filing fee or cover sheet.	
				1053	130	1053 130 Non-English specification	
				1812	2,520	1812 2,520 For filing a request for reexamination	
				1804	920*	1804 920* Requesting publication of SIR prior to Examiner action	
				1805	1,840*	1805 1,840* Requesting publication of SIR after Examiner action	
				1251	110	2251 55 Extension for reply within first month	
				1252	420	2252 210 Extension for reply within second month	
				1253	950	2253 475 Extension for reply within third month	475
				1254	1,480	2254 740 Extension for reply within fourth month	
				1255	2,010	2255 1,005 Extension for reply within fifth month	
				1401	330	2401 165 Notice of Appeal	
				1402	330	2402 165 Filing a brief in support of an appeal	
				1403	290	2403 145 Request for oral hearing	
				1451	1,510	1451 1,510 Petition to institute a public use proceeding	
				1452	110	2452 55 Petition to revive - unavoidable	
				1453	1,330	2453 665 Petition to revive - unintentional	
				1501	1,330	2501 665 Utility issue fee (or reissue)	
				1502	480	2502 240 Design issue fee	
				1503	640	2503 320 Plant issue fee	
				1480	130	1480 130 Petitions to the Commissioner	
				1807	50	1807 50 Petitions related to provisional applications	
				1806	180	1806 180 Submission of Information Disclosure Stmt	
				8021	40	8021 40 Recording each patent assignment per property (times number of properties)	
				1809	770	2809 385 Filing a submission after final rejection (37 CFR § 1.129(a))	
				1810	770	2810 385 For each additional invention to be examined (37 CFR § 1.129(b))	
				1801	770	2801 385 Request for Continued Examination (RCE)	
				1802	900	1802 900 Request for expedited examination of a design application	
Other fee (specify)							
*Reduced by Basic Filing Fee Paid SUBTOTAL (3)							(\$)475

SUBMITTED BY

Name (Print/Type)	Registration No. (Attorney/Agent)	Telephone
Eugenia Garrett-Vackowski	37,330	925-472-5000

Complete (if applicable)

Signature	Date
Eugenia Garrett-Vackowski	6/29/04

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